

INTERNATIONAL SEARCH REPORT



International application No.
PCT/JP2004/000608

A. CLASSIFIC Int.Cl ⁷	ATION OF SUBJECT MATTER C12N15/54, C12N9/10, C12N1/19	, C12N1/21, C12N5/10, C	CO7K16/40	
According to Inte	ernational Patent Classification (IPC) or to both national	classification and IPC	·	
B. FIELDS SE				
Minimum docum Int.Cl ⁷	entation searched (classification system followed by cla C12N15/54, C12N9/10, C12N1/19	, C12N1/21, C12N5/10, C	·	
	earched other than minimum documentation to the exter		·	
WPI/BIC	ase consulted during the international search (name of d DSIS(DIALOG), MEDLINE(STN), JST &/EMBL/DDBJ/GeneSeq, SwissProt/	Plus(JOIS),	rms used)	
C. DOCUMEN	TTS CONSIDERED TO BE RELEVANT			
Category*	Citation of document, with indication, where ap	propriate, of the relevant passages	Relevant to claim No.	
A	Taga S. et al., Sequential che expression during human B cel enzymatic bases., Biochim. Biop Vol. 1254, No. 1, pages 56 to 6	l differentiation: hys.Acta, January 1995,	1-16	
A	JP 2002-85069 A (Seikagaku Co 26 March, 2002 (26.03.02), (Family: none)	orp.),	1-16	
A	Uyama T. et al., Molecular cl expression of human chondroit N-acetylgalactosaminyltransfe J.Biol.Chem., March 2002, Vol No.11, pages 8841 to 8846	in rase.,	1-16	
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X Further do	ocuments are listed in the continuation of Box C.	See patent family annex.		
* Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means document published prior to the international filing date but later than the priority date claimed "E" later document published after the international filing date or priori date and not in conflict with the application but cited to understand the principle or theory underlying the invention cannot be considered novel or cannot be considered to involve an invention cannot be document referring to an oral disclosure, use, exhibition or other means the priority date claimed "E" later document published after the international filing date or priori date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be document of particular relevance; the claimed invention considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention considered to involve an inventive step when the document is taken alone "Y" document relevance; the claimed invention cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document of particular relevance; the claimed invention cannot be considered to involve an invention cannot be considered to		ation but cited to understand invention claimed invention cannot be dered to involve an inventive claimed invention cannot be step when the document is documents, such combination e art		
Date of the actual completion of the international search 13 February, 2004 (13.02.04) 02		Date of mailing of the international sear 02 March, 2004 (02	of mailing of the international search report 02 March, 2004 (02.03.04)	
Name and maili	ng address of the ISA/ se Patent Office	Authorized officer		
Facsimile No. Form PCT/ISA/2	10 (second sheet) (January 2004)	Telephone No.	·	



Form PCT/ISA/210 (continuation of second sheet) (January 2004)

International application No.

'atenca.*	C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT			
ategory*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.		
Ą	Wandal H.H. et al., Substrate specificities of three members of the human UDP-N-acetyl-α-D-galactosamine: Polypeptide N-acetylgalactosaminyltransferase family, GalNAc-T1, -T2, and -T3, J.Biol.Chem., September 1997, Vol.272, No.38, pages 23503 to 23514	1-16		
Α .	Iwai T. et al., Molecular cloning and characterization of a novel UDP-GlcNAc: GalNAc-peptide β-1,3-N-Acetylglucosaminyltransferase (β3Gn-T6), an enzyme synthesizing the core 3 structure of O-glycans., J.Biol.Chem., April 2002, Vol.277, No.15, pages 12802 to 12809	1-16 ·		
P, X	Hiruma T. et al., A novel human β-1,3-N- acetylgalactosaminyltransferase which synthesizes a unique carbohydrate structure, GalNAcβ1-3GlcNAc., J.Biol.Chem., 14 January, 2004 (14.01.04), 10.1074/jbc.M310614200	1-16		
P,X	Tetsu HIRUMA et al., "Shinki Hito Toten'i Koso β3GalNAc-T2 Idenshi no Cloning to Kino Kaiseki", Biotechnology Symposium Yokoshu, 11 November, 2003 (11.11.03), Vol.21, pages 137 to 140	1-16		
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